

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P1748PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2004/034599	International filing date (day/month/year) 18/10/2004	(Earliest) Priority Date (day/month/year) 24/10/2003
Applicant INTEL CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒

the text is approved as submitted by the applicant.

☐

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒

the text is approved as submitted by the applicant.

☐

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 5

☐

as suggested by the applicant.

☒

as selected by this Authority, because the applicant failed to suggest a figure.

☐

as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/034599

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G03F7/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G03F H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 705 321 A (BRUECK ET AL) 6 January 1998 (1998-01-06) column 2, lines 54-63 column 5, line 60 - column 6, line 21 column 6, lines 8-21,39-61 claim 1 figures 1A-H,3,4	1-4,6, 10-24
X	EP 0 915 384 A (CANON KABUSHIKI KAISHA) 12 May 1999 (1999-05-12) abstract figures 10,11,15,21 paragraphs '0032!, '0104!, '0105! claim 1	1,5, 7-10,14
E	WO 2005/036273 A (INTEL CORPORATION) 21 April 2005 (2005-04-21) the whole document	1-24



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

11 July 2005

Date of mailing of the international search report

27/07/2005

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/034599

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/091940 A1 (NAKAO SHUJI) 15 May 2003 (2003-05-15) paragraph '0098! figures 20A,B,C -----	1,10,14
A	EP 0 964 305 A (CORNING INCORPORATED) 15 December 1999 (1999-12-15) figures 5a-5i paragraphs '0038! - '0042! claim 14 -----	1,10,14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/034599

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5705321	A	06-01-1998	NONE	
EP 0915384	A	12-05-1999	JP 3101594 B2	23-10-2000
			JP 11143085 A	28-05-1999
			EP 0915384 A2	12-05-1999
			TW 414940 B	11-12-2000
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			WO 2005036273 A2	21-04-2005
			WO 2005043249 A2	12-05-2005
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			DE 10225414 A1	22-05-2003
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			AU 4412699 A	30-12-1999
			CA 2334692 A1	16-12-1999
			CN 1329727 A	02-01-2002
			EP 1086404 A1	28-03-2001
			JP 2002517803 T	18-06-2002
			TW 500974 B	01-09-2002
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